

Title (en)
GAS DELIVERY AT HIGH FLOW RATES

Title (de)
GASABLIEFERUNG MIT HOHEN STRÖMUNGSGESCHWINDIGKEITEN

Title (fr)
APPORT DE GAZ A DEBITS ELEVES

Publication
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Application
EP 01273948 A 20011219

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Abstract (en)
[origin: US2002124575A1] This invention is directed to a method for delivering a liquefied compressed gas with a high rate of flow comprising passing a liquefied compressed high-purity semiconductor gas into a storage vessel; positioning a temperature measuring means onto the wall of the compressed gas storage vessel; positioning at least one heating means proximate to the storage vessel; monitoring the resulting temperature with the temperature measuring means; positioning a pressure measuring means at the outlet of the storage vessel and monitoring the vessel pressure; adjusting the heat output of the heating means to heat the liquefied compressed gas in the storage vessel to control the evaporation of the liquefied compressed gas in the storage vessel; and controlling the flow of the gas from the storage vessel.

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Citation (search report)
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US 2002124575 A1 20020912; AU 2001297824 A1 20021203; CA 2433901 A1 20021128; CN 1330902 C 20070808; CN 1620575 A 20050525; EP 1354165 A2 20031022; EP 1354165 A4 20090422; EP 1354165 B1 20160921; EP 2375122 A2 20111012; EP 2375122 A3 20130227; JP 2004527712 A 20040909; KR 100796841 B1 20080122; KR 20030091956 A 20031203; TW 535196 B 20030601; US 2003046941 A1 20030313; US 6581412 B2 20030624; WO 02095797 A2 20021128; WO 02095797 A3 20030828

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